

Structural FAC Teleconference Minutes 12 December 2001

1. Participants: The following members participated in this month's meeting:

Lori Taylor (MVP)
Cyndi Riley (SWL)
Jim Bruszewski (LRB)

2. FAC/SAC Meeting: SAC members and FAC chairs met 6-7 December. The following is a brief summary of discussion items of interest to the STFAC:

a. New SAC Members: Gerry Satterlee (MVN) and Ralph Barrett (SAS).

b. New Chair, Electrical/Mechanical FAC: Kendall Waldie (SWF).

c. SAC/FAC Purpose: Discussions were held regarding the purpose/focus of the group. The following items of focus were identified:

- (1) IM involvement with the SAC (find a balance between productivity & security).
- (2) Autocad/MicroStation compatibility
- (3) CADD/GIS integration
- (4) Increase technical focus at HQ
- (5) Identify a comprehensive funding source
- (6) Marketing SAC/FAC products and services to HQ, Divisions & Districts
- (7) Continue focus on standards

d. Detailing: There has been a lot of confusion regarding the level tables for details. The CADD Center is currently putting together some additional guidance. Basically, the detail level tables should be used for generic/standard details (i.e., ladders, grating, joints, etc.). If a detail is project-specific and generated using structural column, foundation, framing, or non-building structure model file, the level table for that model file can be used.

e. FY 03 Project Proposals: The website for submitting project proposals to the CADD Center will be available 5 January 2002. Projects proposals are due 12 February. The Center recommended individual proposals not exceed \$100K.

f. FWG Vacancies: The CADD/GIS Technology Center is currently recruiting members for the Facility Management, Environmental, Natural/Cultural Resources, and Comprehensive Planning Field Working Groups (FWG). These groups are made up of representatives from various agencies and provide input to the Corporate Staff regarding CADD/GIS related issues, including making project recommendations. Further information on the various groups can be found on the web at <http://tsc.wes.army.mil/contacts/groups/>. HQ needs recommendations from the districts for the Corporate Staff meeting to be held in February. Civil works districts are generally under represented on these groups. If you know of anyone in your district who is interested in serving on one of these groups, please forward their name(s) to Lori by the end of January.

g. CADD/GIS Symposium: Discussed setting up a CADD training tract at the symposium. Training would focus on productivity aspects of CADD software that aren't fully utilized such as 3D modeling and rendering.

3. Corps/Bentley Meeting: FAC chairs and Systems FAC met with Bentley representatives to discuss the direction the company is going with their software. A copy of the notes from that

meeting will be sent out once they are available. Bentley now owns Inroads, Irasb, lplot and Geopak software. They are currently focused on making all of their application software compatible with MicroStation V8. A projected completion schedule for this work has been requested. A group of approximately 4-5 SAC/FAC representatives are scheduled to meet with Bentley at their headquarters in Exton, PA, sometime in February to discuss technical issues. Districts were sent a copy of the most recent punch list of proposed Bentley software enhancements for comment (12/12/01). A list of issues submitted by the districts, which will be addressed by MicroStation V8, was also included. A list of MicroStation V8 enhancements should be available in the next CADD newsletter.

The following are some other things Bentley is currently working on:

- a. Currently, when a problem is logged with Bentley, only the originator is notified when the problem is fixed. Bentley is currently working on a web-based system that would allow anyone to check on the status of a fix.
- b. Creating a V7 (any version of MicroStation below V8) work mode so drawings will not have to be converted to V8.
- c. A design file viewer will be available free to Select subscribers. Subscribers will be able to issue a license (timed or untimed) allowing users to view drawings in MicroStation or Autocad, print and turn levels on/off.
- d. History will be added to plotting so that differences will be highlighted.
- e. Working on integrating ArcView data into ProjectWise.
- f. Working on giving ProjectWise the ability to feed corporate systems such as Documentum, PCnet, etc. (Already developed for FileNet)

4. FY02 Structural Detail Library Additions: The Center will be sending us \$3K sometime around the week of 7 January.

5. Structural Website: HQ will authorize the CADD/GIS Center to give the STFAC approx. \$2K to cover administration costs related to the website development.

6. FY02 CADD Symposium Presentations: Due to problems associated with obtaining funding to put together presentations for the symposium, we need to look at vendor presentations/training, which can be included in the CADD Training Tract. FAC Chairs will be meeting to suggest training topics. So far the STFAC will propose including training on Mathcad/CADD Integration and Cost/CADD Integration. If anyone has any other training ideas, please let Lori know. Funding for travel is available for STFAC members interested in attending the Symposium. Those of us attending will get together for a STFAC meeting.

7. Metrication: Prior to beginning any work on metrication guidance, Jean McGinn will talk with Bob Fite to see what direction HQ is moving regarding this issue. There has been talk of relaxing metric requirements.

8 FY03 Project Proposals: To date, the only project identified for FY03 submission is a continuation of the Structural Detail Library project. Anyone with additional project ideas should contact Lori before the end of January.

9. Electronic Meeting Options: Placeware software is available to the FACs free of charge via the CADD Center. This would allow meeting participants to write notes back and forth. Meetings must be set up through the CADD Center.

10. AutoCAD Enhancements: No new discussion.

11. The Next Meeting will be a conference call to be held on 9 January at 1:00 p.m. CDT. Anyone wishing to participate is welcome. The phone number is 1-888-981-0147, and the pass code is 71007.